RAW SEQUENCE LISTING
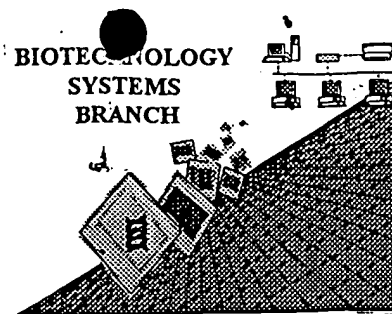## ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10 004,432

Source: O1PE

Date Processed by STIC: 12|14|01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).
Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
http://www.uspto.gov/web/offices/pac/checker

```
        RAW SEQUENCE LISTING                  DATE: 12/14/2001
        PATENT APPLICATION:  US/10/004,432    TIME: 10:26:57

        Input Set : A:\SEQUENCE LISTING.txt
        Output Set: N:\CRF3\12142001\I004432.raw
```

Does Not Comply
Corrected Diskette Needed

```
        2 <110> APPLICANT: CHI, Shau-Chi
W-->    3 <120> TITLE OF INVENTION: An Immortal Cell Line Derived From Grouper Epinephelus
Coioides and Its
W-->    4        Application Therein
W-->    5 <130> FILE REFERENCE: 39734-176754
W-->    6 <140> CURRENT APPLICATION NUMBER: N/A
C-->    7 <141> CURRENT FILING DATE: 2001-12-14
        8 <150> PRIOR APPLICATION NUMBER: US 60/110,699; US 09/450,696
W-->    9 <151> PRIOR FILING DATE: 1998-12-03; 1999-11-30
W-->   10 <160> NUMBER OF SEQ ID: 2
       11 <170> SOFTWARE: Microsoft Word
```

ERRORED SEQUENCES

```
       27 <210> SEQ ID NO: 2
       28 <211> LENGTH: (20)          — Input 20, found 21
       29 <212> TYPE: DNA
       30 <213> ORGANISM: Artificial Sequence
W-->   31 <220> FEATURE:
W-->   32 <221> NAME/KEY:
       33 <222> LOCATION:                 must provide genetic source for artificial sequence
       34 <223> OTHER INFORMATION:        — see error summary sheet item 11
W-->   35 <300> PUBLICATION INFORMATION:
       37 <400> SEQUENCE: 2
E-->   38 cgtgtcagtca atgtgtcgct          (20)
```

VERIFICATION SUMMARY　　　　　　　　　　DATE: 12/14/2001
PATENT APPLICATION:　**US/10/004,432**　　　TIME: 10:26:58

Input Set : **A:\SEQUENCE LISTING.txt**
Output Set: **N:\CRF3\12142001\I004432.raw**

```
L:3  M:283 W: Missing Blank Line separator, <120> field identifier
L:5  M:283 W: Missing Blank Line separator, <130> field identifier
L:6  M:283 W: Missing Blank Line separator, <140> field identifier
L:6  M:270 C: Current Application Number differs, Replaced Current Application Number
L:7  M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:9  M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:10 M:283 W: Missing Blank Line separator, <160> field identifier
L:17 M:283 W: Missing Blank Line separator, <220> field identifier
L:18 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1
L:21 M:283 W: Missing Blank Line separator, <300> field identifier
L:31 M:283 W: Missing Blank Line separator, <220> field identifier
L:32 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2
L:35 M:283 W: Missing Blank Line separator, <300> field identifier
L:38 M:254 E: No. of Bases conflict, LENGTH:Input:20 Counted:21 SEQ:2
L:38 M:252 E: No. of Seq. differs, <211>LENGTH:Input:20 Found:21 SEQ:2
```